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**SECTION 1 - MECHANICAL
STRAIN RELIEF , SINGLE RING ,
SPLIT SHELL
SAE AS85049 CATEGORY 1**

E * * 40

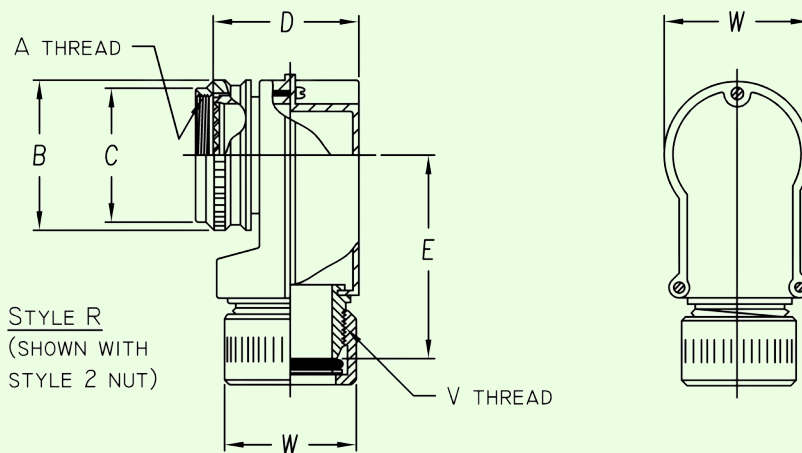
SHEET 1 OF 2

Add'l ENG Support Information

Table 2 - Cable Entry Data

ENTRY ORDER NUMBER	CABLE RANGE		V UNIFIED THD CLASS 2A	W REF
	MAX	MIN		
04	.250	.125	.625 - 24	.844
06	.375	.219	.750 - 20	.984
08	.500	.344	.875 - 20	1.125
10	.625	.469	1.000 - 20	1.344
12	.750	.594	1.125 - 18	1.344
14	.875	.719	1.250 - 18	1.469

AVAILABLE FOR CONNECTOR CODES 40, 41, 47 & 54. CONSULT
FACTORY FOR TABLE 1 DIMENSIONS ON OTHER CODES.



ASSEMBLY PART NUMBER

TO ESTABLISH YOUR P/N, USE THE FOLLOWING EXAMPLE

E 41 40 R 23 08 9 51

FUNCTION DESIGNATOR
E - EMI ADAPTER

CONNECTOR CODE NUMBER - TABLE 1 (6)

SERIES PART NUMBER

ADAPTER STYLE
R = 90° ADAPTER

ACCESSORY ORDER NUMBER-TABLE 1

MOD CODE (6)

PLATING CODE NUMBER-TABLE 4 (6)

CABLE STRAIN-TABLE V (8)

CABLE ENTRY ORDER NUMBER-TABLE 2

REV B

Table 1 - Order Number Data

E * * 40

SHEET 2 OF 2

Accessory Order Number By Connector Code & Shell Size

ORDER NUMBER	18 4	21	32 2	40 3	41	54	64	61	76	A UNIFIED THREAD	B MAX DIA.	C MAX DIA.	D MAX DIM.	E MAX DIM.	ORDER NUMBER
01	8S (B)									.375-32	.750	.531			01
03	8S (A)									.438-27	.812	.594			03
04	8S (C)	8			8, 9				8	.438-28	.812	.594	.893	1.663	04
05					8 & 8S					.500-20	.875	.656			05
06	10S (-)							8, A		.500-28	.875	.656	1.462		06
07				9, A						M12 x 1.0	.719	.656	.893		07
08	10SL (C)	10			10, 11	3			10	.562-24	.844	.719			08
10	10SL(A,B), 12, 12S(B,C)				10, 10S, 10SL		12			.625-24	1.000	.781	.893	1.663	10
11								10, B		.625-28	1.000	.781	1.462		11
12				11, B						M15 x 1.0	.844	.781	.893		12
13	12 & 12S (A)	12		12, 13					12	.688-24	1.062	.844	.893		13
15	14 & 14S (-)		12		12 & 12S	7	14			.750-20	1.125	.906	1.369	1.663	15
16				13, C						M18 x 1.0	.969	.906	.893		16
18		14		14, 15					14	.812-20	1.188	.969	.981		18
19	16 & 16S (-)		14		14 & 14S	12	16			.875-20	1.250	1.031		1.763	19
20								14, D		.875-28	1.250	1.031	1.577		20
21				15, D						M22 x 1.0	1.094	1.031	.981		21
23		16		16, 17					16	.938-20	1.312	1.094	1.230		23
24	18 (-)		16		16 & 16S	19	18			1.000-20	1.375	1.156		1.863	24
25								16, E		1.000-28	1.375	1.156	1.824		25
26				17, E						M25 x 1.0	1.219	1.156	1.230		26
28		18		18, 19	18	27			18	1.062-18	1.438	1.219			28
29	20 (-)		18				20			1.125-18	1.500	1.281	1.202		29
30	20 (R)									1.125-24	1.500	1.281		1.863	30
31								18, F		1.125-28	1.500	1.281	1.796		31
32				19, F						M28 x 1.0	1.344	1.281	1.202		32
34		20		20, 21	20	37			20	1.188-18	1.562	1.344	1.223		34
35	22 (-)		20				22			1.250-18	1.625	1.406		1.863	35
36								20, G		1.250-28	1.625	1.406	1.807		36
37				21, G						M31 x 1.0	1.469	1.406	1.223		37
39		22		22, 23	22				22	1.312-18	1.688	1.469		1.863	39
40	24 (-)		22				24			1.375-18	1.750	1.531	1.181		40
41								22, H		1.375-28	1.750	1.531	1.775		41
42				23, H						M34 x 1.0	1.594	1.531	1.181		42
44		24		24, 25	24				24	1.438-18	1.812	1.594		1.863	44
45						61				1.500-18	1.875	1.656	1.181		45
46								24, J		1.500-28	1.875	1.656	1.775		46
47				25, J						M37 x 1.0	1.719	1.656	1.181		47

NOTES: UNLESS OTHERWISE SPECIFIED.

1 THREADS ARE RIGHT HAND IN ACCORDANCE WITH FED-STD-H28, CLASS 2B.

2 THREADS NOTED ARE LEFT HAND, CLASS 2B.

3 THREADS NOTED ARE ISO METRIC, CLASS 6H.

4 CODE 18 SHELL SIZES ARE FOLLOWED IN PARENTHESIS BY CONNECTOR MFR CODE. SEE CONNECTOR CODE 18 CHART AT RIGHT & EXAMPLE PART NUMBER FOR DETAILS.

5 TABLE 1 LISTS THE MOST USED CONNECTOR CODES. SEE SECTION 11 FOR OTHER CODES AVAILABLE AND COMPLETE CONNECTOR PART NUMBER CROSS REFERENCE.

6 SEE SUPPORT DATA SECTION FOR PLATING AND MODIFICATION CODE OPTIONS.

7 ADD .25 TO "D" & "F" FOR CONNECTOR CODES 30, 32 & 61.

8 SEE SUPPORT DATA SECTION FOR TABLE V & AVAILABLE STYLES

4 Connector Code 18 Chart

CONNECTOR	CONNECTOR MANUFACTURER
CODE	(MS3100, MS3101, MS3106 & MS3107)
A	AMPHENOL, CLASS A
B	BENDIX, CLASS A, E & R
C	CANNON, CLASS A, E & R
D	MFR. UNKNOWN, CLASS A, E & R
R	AMPHENOL, CLASS R
-	MFR. CODE NOT REQUIRED

REV B